2012 JUL -2 AM 9: 32

### BUREAU OF PUBLIC WATER SUPPLY

# CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Union Water Association of Choclaw Co Inc Public Water Supply Name

S'ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

must b	be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
Please	Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper

Advertisement in local paper On water bills Other
Date customers were informed: <u>05/18/201</u> 2
CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
Date Mailed/Distributed:/_/_
CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
Name of Newspaper:
Date Published:/_/
CCR was posted in public places. (Attach list of locations)
Date Posted: / /
CCR was posted on a publicly accessible internet site at the address: www.

### **CERTIFICATION**

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

Name/Title (President, Mayor, Owner, etc.)

Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

### Corrected Copy

# 2016 Annual Drinking Water Quality Report Union Water Association #1 Public Water System ID No. MS0100017

We're very pleased to provide you with this years Annual Drinking Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is to provide to you a safe and dependable supply of drinking water.

### Is My Water Safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health (MDH) drinking water health standards. Union Water vigilantly safeguards its water supplies and once again we are proud to report that our system has never violated a Maximum Contaminant Level (MCL) or any other water quality standard.

### Do I Need to Take Special Precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

### Where Does My Water Come from?

Our water source is from one deep well pumping from the Lower Wilcox Aquifer.

### Source Water Assessment and Its Availability:

Our source water assessment is currently being conducted and is not available at this time. As soon as it is completed, you will be notified and copies of this assessment will be made available.

#### Why Are There Contaminants in Drinking Water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

Additional information on lead in drinking water: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Union Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your drinking water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>. The Mississippi State Department of Health Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

### A Message From The MSDH Concerning Radiological Sampling:

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

### How Can I Get Involved?

Our quarterly board meetings are held on the second Monday in March, June, September, and December at 7:00 PM at the well site on W. Wilson Road. The annual membership meeting is held on the second Monday in May at 7:00 p.m. at the well site on W. Wilson Road. We encourage all members who have any questions or concerns to meet with us.

### Contact Information:

Tommy Edwards - Union Water Association • 170 W Wilson Rd. • Eupora, MS 39744 • (662) 258-4758, (662) 312-2452 or edderds@yahoo.com

### Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate the water poses a health risk. Unless otherwise noted, the data presented in this table is from the testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentration of these contaminants do not change frequently.

Contamunent	Violation	Sample Date	Level Detected	Range of Detects or # of Samples Exceeding MCL/AL	Unit of Measaire	MCLG or MRDLG	MCL TT or MRDL	Typical Source of Contamination
Inorganic Cor	taminan	ts						
1010. Barium	No	2011	0.009019	No Range	ppm	2	2	Discharge of drilling wastes, discharge from metal refineries; erosion of natural deposits
1005, Arsenic	No	2011	<0. <b>00</b> 05	No Range	ррт		0.10	Erosion of natural deposits: runoif from orchards, runoff from glass and electronics production wastes
1123. Fluoride	No	2011	0.264	No Kange	bber	E)	4	Erosion of natural deposits; water additive which promotes strong texth, discharge from fartilizer and aluminara factories
1074. Antimony	No	2011	<0.0005	Ne Range	ppm		0.006	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; vest addition
1075. Berylthum	Ne	2011	<0.0005	No Range	bbw		0.004	Discharge from metal refineries and coal burning factories; discharge from electrical, acrospace, and defense industries
1015, Cadmium	Ma	2011	<0.0005	No Range	ppro		0.005	Corrosion of galvanized pipes, erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paint
1020. Chromium	Мо	2011	<0.000568	No Range	ррш		0.1	Discharge from steel and pulp mills: erosion of natural deposits
1035. Mercury	No	2011	<0.0005	No Range	ppm		0.002	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
1045. Selenium	No	201)	<0.0025	No Range	ppm		0.05	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
1085. Theilium	No	2011	<0.0005	No Range	ppm		0.002	Discharge from electronics, glass, and leaching from ore processing sites; drug factories
1024. Cyanide	No	2011	<0.015	No Range	bkw		0,2	Discharge from plastic, fertilizer factories; discharge from steel/metal factories
1040. Nitrate	No	2011	<0.8	No Range	ррга		10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural demosits
1041. Nizrite	No	2011	<0.02	No Range	bhin		l	Runoff from fertilizer use; leaching from scotic tanks, sewage; erosion of catural deposits
1038. Nitrate + Nitrite	No	2011	<0.1	No Kange	ррт		[0	Runoff from fertilizer use; leaching from septic tanks, sewage; crossion of natural denosits
30. Lead	No	N/A	N/A	No Range	ppm		AL LS	Corresion of household plumbing systems: exosion of natural deposits
22. Copper	No	N/A	N/A	No Range	ppen	95° April ( 4 %) and Mr - 560; (10) year bin	AL 1.3	Corresion of household plumbing systems: erosion of natural deposits; leaching from wood negetyatives

Volarile Organic Contaminants

Volarile Organi				group program apply them; how o the happens to hap expectable call from 1940.	1060 ML ( 2) No. 111 - 112 - 112 - 112 - 112 - 112 - 112 - 112 - 112 - 112 - 112 - 112 - 112 - 112 - 112 - 112		THE PARTY DESCRIPTION OF THE PARTY OF THE PA
2378	No	2008	<0.5	No Range	ppb	70	Discharge from textile finishing
1,2,4-		1	İ		] }	1	factories
Trichlorobenzene	<u>.</u>						A ST OF SERVICE OF THE SERVICE OF TH
2380	No	2008	< 0.5	No Range	ppb	70	Discharge from industrial chemical
CIS-1,2-				-			factorics
Dichloroethylene			į.			1	
2935	No	2008	<0.5	No Range	ppb	10000	Discharge from petroleum factories;
Xylenes	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	110 2000250	Pro		discharge from chemical factories
2964	No	2608	<0.5	No Range	ppb	- 5	Discharge from pharmaceutical and
z <del>2014</del> Dichloromethane	140	2000	~0.5	140 Mange	ppc	,	chemical factories
				MS41961 MARINE AND			
2968	No	2008	<0.5	No Range	ррь	600	Discharge from industrial chemical
O-Dichlorobenzene			emerce of cartinine of the balance on a con-			The second secon	factories
2969	No	2008	<0.5	No Range	ppb	7 J	Discharge from industrial chemical
P-Dichlorobenzene	1						factories
2976	No	2008	<0.5	No Range	ppb	2	Leaching from PVC piping; discharge
Vinyl Chlorida							from plastics factories
2977	No	2008	<0.5	No Range	ppb	7	Discharge from industrial chemical
1,1-	1	1 2000	1	1 10 11 11 11	1	'	factories
Dickloroethylene		1		•	!		29/00/203
······································	<del> </del>	4000	-e0 e	N1. 17		100	To the second se
2979	No	2008	<0.5	No Range	ppb	100	Discharge from industrial chemical
frans-1,2-							factories
Dichloroethylene						to a Private trade, and providing the property could be not be the best annihill with the	CONTRACTOR DESCRIPTION OF THE RESERVED AND PROPERTY OF THE PRO
2980	No	2008	<0.5	No Range	ppb	5	Discharge from industrial chemical
2-Dichloroethane						ļ	factories
2981	No	2008	<0.5	No Range	ppb	200	Discharge from metal degreasing sites
1,1,1-					1		and other factories
Trichloroethane		1	1				ANY IN TARREST WAS EAST OF THE PARTY OF THE
2982	No	2008	<0.5	No Range	ppb	. 5	Discharge from chemical plants and
carbon	140	2000	~07	140 Wenke	ppo	, J	other industrial activities
							other manatish serivings
<u> Fetrachloride</u>	<del> </del>	1					and the first properties and the second seco
983	No	2008	<0.5	No Range	ррь	5	Discharge from industrial chemical
1,2•							factories
Dichloropropane							
1984	No	2008	<0.5	No Range	ppb	5	Discharge from metal degreasing sites
Crichloroethylene	1	1	Ì		1		and other factories
985	No	2008	-<0.5	No Range	ppb	6	Discharge from industrial chemical
1,1,2			-0.0	1.10 3 tomates	PP		factories
Prichloroethane	İ						Metavio.
2987	37-	2008	<0.5	N. B.		5	745
	No	2008	<0.5	No Range	ppb	)	Discharge from factories and dry
etrachloroethylene							cleaners
1989	No	2008	<0.5	No Range	ppb	100	Discharge from chemical and
Monochlorobenzene							agricultural chemical factories
990	No	2008	<0.5	No Range	ppb	1 5	Discharge from factories; leaching from
Benzene				1	1		gas storage tanks and landfills
991	No	2008	<0.5	No Range	ppb	1000	Discharge from petroleum factories
oluene			1 -112		FF	1	an annual flat, on easy to are a new many way and
992	No	2008	<0.5	No Range	ppb	700	Discharge from petrolcum refineries
	(44)	1 2000	~0.5	No wante	hbn [	/00	Tribrings non bestoicam tennesses
thylbenzene						V4538048.35042173-92.05	CONTRACTOR OF THE PROPERTY OF
996	No	2008	<0.5	No Range	ppb	i00	Discharge from subber and plastics
Styrene					_1i		factories; leaching from landfills

Residual Disinfectant By-Products

	L/RML2/A&-&-EGMLE LA						10.1 attent to 10.7 . A . 5.	The state of the s	
0999	No	2011	0.40	Low	High	mg/l	4.0	Water additive used to control microbes	
Chlorine (us	(C12)		)	Range	Range	_			
			l	0.30	0.40				

Disinfectant and Disinfection By-Products

2950 RAATrihalomethaucs (TTHM)	No	2011	82	No Range	mg/t	 0.080	By-product of drinking water disinfection
2456 RAA Haloucetic Acids (HAAS)	No	2011	73	No Ruage	mg/l	0.060	By-product of drinking water chlorination

Microbiological Contaminants

AND MARKET CO. CO. C.	The second second	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH					
9223	No	2011	<1/100	No Range	Positive	 1	Naturally present in the environment
Total Coliform					samples/m	Ì	
					onth		Ĭ

Radionuclides

4006	No	2011	< 0.067	No Range	ppb	30	W. H. William and the state of
Combined Uranium	i	l	1		1 4 4		
4020	No	2011	<0.41	No Range	Pci/I	**************************************	And the second section of the second second second second section is a second s
Radium-226			1	1	1	•	
4030	No	2011	<0.528	No Range	Pci/i		A SECRETARIA MATERIA PROPERTY OF THE PROPERTY
Radium-228	1	-1	-			1	
4109	No	2011	<2.77	No Range	Pci/l	15	The state of the s
Gross Alpha Particle	ļ						
Activity					1		
4010	No	2011	<0.528	No Range	Pci/I	5	Market - read for any model and a share from the straight his \$2000 Market has compressed to the straight of the straight his \$2000 Market has compressed to the straight of the straight his straight of the straight has compressed to the straight of the straight has compressed to the straight of the straight has compressed to the straight of the straight has compressed to the straight has compressed t
Combined Radium		1				· ·	
( <b>-2</b> 26 & <b>-</b> 228)	1						

#### Total Coliform

Coliforms are bacteria that are naturally present in the environment and are used as an indicator other, potentially harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems. This violation occurred in March 2009. It was resolved within one week. For each detect of total coliforms, additional samples were collected at the sites where total coliforms was detected, upstream of each site and downstream of each site. Results showed all samples free of total coliform; however, it was noted that the chlorine residual in these areas was lower than usual. The amount of chlorine was increased to insure an adequate residual was maintained.

### Unit Descriptions

ppm: parts per million, or milligrams per liter (mg/1)

ppb: parts per billion, or micrograms per liter

positive samples/month: Number of samples taken monthly that were found to be positive Picocuries per liter (pCVL): Picocuries per liter is a measure of the radioactivity in water

ND: Not detected.

NA: Not applicable

MR: Monitoring not required, but recommended

### Important Drinking Water Definitions

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Variances and Exemptions: State or EPA permission not to meet a MCL or a treatment technique under certain conditions.

MRDLO: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health, MLDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

MRDL: Maximum residual disinfection level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

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# 2011 Annual Drinking Water Quality Report Union Water Association #1 Public Water System ID No. MS0100017

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### A Message From The MSDH Concerning Radiological Sampling:

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for

radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rule. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601 576 7518.

### How Can I Get Involved?

Our quarterly board meetings are held on the second Monday in March, June, September, and December at 7:00 PM at the well site on W. Wilson Road. The annual membership meeting is held on the second Monday in May at 7:00 p.m. at the well site on W. Wilson Road. We encourage all members who have any questions or concerns to meet with us.

### **Contact Information:**

Tommy Edwards - Union Water Association • 170 W Wilson Rd. • Eupora, MS 39744 • (662) 258-4758, (662) 312-2452 or edderds@yahoo.com

### Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate the water poses a health risk. Unless otherwise noted, the data presented in this table is from the testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentration of these contaminants do not change frequently.

Contaminant	Violation	Sample Date	Level Detected	Range of Detects or # of Samples Exceeding MCL/AL	Unit of Measure	MCLG or MRDLG	MCL TT or MRDL	Typical Source of Contamination
Inorganic Con	taminan	ts						
1010. Barium	No	2011	0.009019	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
1005. Arsenic	No	2011	<0.0005	No Range	ppm		0.10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
1125. Fluoride	No	2011	0.264	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
1074. Antimony	No	2011	<0.0005	No Range	ppm		0.006	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition
1075. Beryllium	No	2011	<0.0005	No Range	ppm		0.004	Discharge from metal refineries and coal burning factories; discharge from electrical, aerospace, and defense industries
1015. Cadmium	No	2011	<0.0005	No Range	ppm		0.005	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paint
1020. Chromium	No	2011	<0.000568	No Range	ppm		0.1	Discharge from steel and pulp mills; erosion of natural deposits
1035. Mercury	No	2011	<0.0005	No Range	ppm		0.002	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
1045. Selenium	No	2011	<0.0025	No Range	ppm		0.05	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
1085. Thallium	No	2011	<0.0005	No Range	ppm		0.002	Discharge from electronics, glass, and leaching from ore processing sites; drug factories
1024. Cyanide	No	2011	<0.015	No Range	ppm		0.2	Discharge from plastic, fertilizer factories; discharge from steel/metal factories
1040. Nitrate	No	2011	<0.8	No Range	ppm		10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural denosits
1041. Nitrite	No	2011	<0.02	No Range	ppm		1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
1038. Nitrate + Nitrite	No	2011	<0.1	No Range	ppm		10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
30. Lead	No	2004	0.0005	No Range	ppm		AL 15	Corrosion of household plumbing systems; erosion of natural deposits
22. Copper	No	2004	0.213	No Range	ppm		AL 1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

**Volatile Organic Contaminants** 

Volatile Organic	Cont	aminants					
2378	No	2008	<0.5	No Range	ppb	70	Discharge from textile finishing
1,2,4-	}		i				factories
Trichlorobenzene			1				
2380	No	2008	< 0.5	No Range	ppb	70	Discharge from industrial chemical
CIS-1,2-					1		factories
Dichloroethylene						į	
2955	No	2008	<0.5	No Range	ppb	10000	Discharge from petroleum factories;
Xylenes	110	2000	""		1 * 1		discharge from chemical factories
2964	No	2008	<0.5	No Range	ppb	5	Discharge from pharmaceutical and
Dichloromethane	140	2000	1 30.5	1 to rainge	PP		chemical factories
2968	No	2008	<0.5	No Range	ppb	600	Discharge from industrial chemical
O-Dichlorobenzene	140	2008	10.5	110 Italigo	PP		factories
	No	2008	<0.5	No Range	ppb	75	Discharge from industrial chemical
2969	NO	2008	<b>\0.</b> 3	No Kange	PPo	/3	factories
P-Dichlorobenzene	3.7	2000	<0.5	No Dange	nnh	2	Leaching from PVC piping; discharge
2976	No	2008	< 0.5	No Range	ppb	2	from plastics factories
Vinyl Chloride					1	7	Discharge from industrial chemical
2977	No	2008	< 0.5	No Range	ppb	/	factories
1,1-							Tactories
Dichloroethylene						100	D' 1 C i d did dominal
2979	No	2008	<0.5	No Range	ppb	100	Discharge from industrial chemical
Trans-1,2-							factories
Dichloroethylene							
2980	No	2008	< 0.5	No Range	ppb	5	Discharge from industrial chemical
1,2-Dichloroethane							factories
2981	No	2008	< 0.5	No Range	ppb	200	Discharge from metal degreasing sites
1,1,1-							and other factories
Trichloroethane							
2982	No	2008	< 0.5	No Range	ppb	5	Discharge from chemical plants and
Carbon							other industrial activities
Tetrachloride							
2983	No	2008	<0.5	No Range	ppb	5	Discharge from industrial chemical
1,2-	1				1		factories
Dichloropropane							
2984	No	2008	<0.5	No Range	ppb	5	Discharge from metal degreasing sites
Trichloroethylene	110	2000	0.5	110 1111119	rr -		and other factories
2985	No	2008	<0.5	No Range	ppb	5	Discharge from industrial chemical
	140	2008	\0.5	140 Range	ppo		factories
1,1,2-						,	140001105
Trichloroethane	Nic	2009	<0.5	No Range	ppb	5	Discharge from factories and dry
2987	No	2008	~0.3	No Kange	ppo		cleaners
Tetrachloroethylene	1	2000	-0.5	No Danca	nnh	100	Discharge from chemical and
2989	No	2008	<0.5	No Range	ppb	100	agricultural chemical factories
Monochlorobenzene	L.,			N. P			Discharge from factories; leaching from
2990	No	2008	< 0.5	No Range	ppb	5	
Benzene	<u> </u>					1000	gas storage tanks and landfills
2991	No	2008	<0.5	No Range	ppb	1000	Discharge from petroleum factories
Toluene							
2992	No	2008	<0.5	No Range	ppb	700	Discharge from petroleum refineries
Ethylbenzene							
2996	No	2008	<0.5	No Range	ppb	100	Discharge from rubber and plastics
Styrene		İ	1				factories; leaching from landfills

**Residual Disinfectant By-Products** 

ixesiuuai iyisiiiiv		y-i i ouuc	ti3					
0999	No	2011	0.40	Low	High	mg/l	4.0	Water additive used to control microbes
Chlorine (as C12)				Range	Range			
, i				0.30	0.40	1		

**Disinfectant and Disinfection By-Products** 

2950 RAATrihalomethanes (TTHM)	No	2011	0.043	No Range	mg/l	0.080	By-product of drinking water disinfection
2456 RAA Haloacetic Acids (HAA5)	No	2011	0.040	No Range	mg/l	0.060	By-product of drinking water chlorination

**Microbiological Contaminants** 

9223	No	2011	<1/100	No Range	Positive	1	Naturally present in the environment
Total Coliform				1	samples/m		
1					onth	 	

### Radionuclides

4006	No	2011	< 0.067	No Range	ppb	30	
Combined Uranium							
4020	No	2011	< 0.41	No Range	Pci/l		
Radium-226							
4030	No	2011	< 0.528	No Range	Pci/l		
Radium-228							
4109	No	2011	<2.77	No Range	Pci/l	15	
Gross Alpha Particle				į			
Activity							
4010	No	2011	< 0.528	No Range	Pci/l	5	
Combined Radium							
(-226 &-228)							

### **Total Coliform**

Coliforms are bacteria that are naturally present in the environment and are used as an indicator other, potentially harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems. This violation occurred in March 2009. It was resolved within one week. For each detect of total coliforms, additional samples were collected at the sites where total coliforms was detected, upstream of each site and downstream of each site. Results showed all samples free of total coliform; however, it was noted that the chlorine residual in these areas was lower than usual. The amount of chlorine was increased to insure an adequate residual was maintained.

### **Unit Descriptions**

ppm: parts per million, or milligrams per liter (mg/1)

ppb: parts per billion, or micrograms per liter

positive samples/month: Number of samples taken monthly that were found to be positive

Picocuries per liter (pCi/L): Picocuries per liter is a measure of the radioactivity in water

ND: Not detected.

NA: Not applicable

NR: Monitoring not required, but recommended

### **Important Drinking Water Definitions**

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Variances and Exemptions: State or EPA permission not to meet a MCL or a treatment technique under certain conditions.

MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MLDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

MRDL: Maximum residual disinfection level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

RECEIVED-WATER SUPPLY 2012 JUL -2 AM 9: 32

MAIL PAYMENT TO: Unio : Water Association 170 W.Wilson Road Eupora, MS 39744



DATE		17-May-12		
ACCOUNT	#	33		

METER RI	]	
03/30/12	04/30/12	]
151920	151920	]
USED (GAL)		
	AN	OUNT DUE

ENCLOSE THIS STUB WITH PAYMENT AFTER \$18.70 PRESENT \$17.00 PREVIOUS \$17.00

BILLS ARE DUE BY May 31, 2012. PAST DUE BILLS WILL BE LOCKED OFF AFTER THE 25TH.CCR report will be ready after July 1,2012.

DATE	17-May-12
ACCOUNT #	33
	AFTER
\$17.00	\$18.70

00 Hunting Club c/o John McBeth 1000 SONNY'S ROAD Mantachie, MS 38855

## **2011 CCR Contact Information**

Date:	Time:	
PWSID: 0100017		
System Name: Www U	)/A	
Lead/Copper Language	Chlorine Residual (	MRDL) RAA
Fluoride	GWR	Radiological
Other		
Will Correct report & mail copy ma	rked "Corrected copy" to MSDH	Cull me if?'s Thanks
Will notify customers of availability	of corrected report on next mo	
3	orrections re	edad .
TTHM 82 HAAS 73	Mg/L No	violationyst
Lead 0.00 Copper 0.1	10 Downorth	avetobe reported
Spoke with	Coodet 8/20 Call	
(Operator,Owner,Secret	ary) SV	nd'in'